



#171C 5/27/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
Roland Carlsson et al.
Serial No.: 09/734,801
Filed: December 12, 2000
For: "A METHOD FOR IN VITRO
MOLECULAR REVOLUTION OF
PROTEIN FUNCTION"

Examiner: CHUNDURU, S.
Art Unit: 1637
Response to Paper No. 16

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REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. §1.111

In response to the Official Action of December 17, 2002,
please amend the above-identified application as follows:

C¹
2. (Twice Amended) The method as claimed in claim 1
wherein step (c) optionally comprises adding primer sequences
that anneal to the 3' and 5' ends of at least one of the
parent polynucleotides under annealing conditions.

C²
7. (New) The method as claimed in claim 1, further
comprising contacting the polynucleotide sequence of step d)
with primer sequences that anneal to the 3' and 5' ends of at
least one of the parent polynucleotides under annealing
conditions and amplifying those hybrids that anneal to each
other to generate a further polynucleotide sequence encoding
one or more protein motifs having altered characteristics as
compared to one or more protein motifs encoded by said parent
polynucleotide.

REMARKS

The December 17, 2002 Official Action and references
cited therein have been carefully reviewed.

At page 2 of the Official Action, the Examiner has
rejected claim 2 under 35 U.S.C. §112, second paragraph,